ABSTRACT OF THE DISCLOSURE

In a medical system architecture and method with at least one modality acquires examination images, computer workstations allocated to the respective modalities process the examination images, data and the examination images, and able to be transmitted a device for storing the data and examination images and to further computer workstations for post-processing the data and examination images. Each of the computer workstations for processing and post-processing the examination images has a device for work list management and a detector that determines the usage of the computer workstation on the basis of the work list and which communicates a signal corresponding to the degree of usage to at least one task generator. The task generator has an evaluation device that reacts according to the received signals from the computer workstations.